

IN THE CLAIMS:

Amend the claims as follows:

1. (Currently Amended) An information controller for a communication system having at least one communication bus having an information unit with ~~[[a]]~~ an identifier portion and a data portion corresponding to said identifier portion, said information controller comprising an identifier look-up element for sending a predetermined program selector to a signal handler upon determination that the identifier portion of a received information unit corresponds to a predetermined identifier associated with the predetermined program selector, wherein the program selector defines an operation to be performed on the data portion by the signal handler.
2. (Original) An information controller as claimed in claim 1, wherein the operation to be performed on the data portion can be the creation of a second information unit; or merging the data portion, or part of the data portion, with another data portion of a second information unit; or saving the data portion, or part of the data portion.
3. (Original) An information controller as claimed in claim 2, further comprising a frame transmitter for prioritizing multiple second information units for transmission in accordance with a communication protocol.
4. (Original) An information controller as claimed in claim 3, wherein the second information units include a second identifier.
5. (Currently Amended) An information controller as claimed in claim 3 ~~[[or 4]]~~, further comprising a transmission memory for storing multiple second information units.
6. (Currently Amended) An information controller as claimed in ~~any preceding~~ claim 1, wherein the identifier look-up element further comprises a look-up table for storing said predetermined identifier and program selectors.
7. (Currently Amended) An information controller as claimed in ~~any preceding~~ claim 1, wherein the signal handler further comprises memory for storing said data portion and a predetermined sequence of operations.

8. (Currently Amended) An information controller as claimed in ~~any preceding~~ claim 1, wherein the identifier look-up element is programmable to allow the predetermined identifier and/or the associated program selector to be changed.
9. (Currently Amended) An information controller as claimed in ~~any preceding~~ claim 1, further comprising a central processor unit interface to allow direct communication between said information controller with a central processing unit of the communication system.
10. (Currently Amended) An information controller as claimed in claim ~~[[8]]~~ 9, wherein said central processing unit can access any memory of the information controller.
11. (Canceled)
12. (Original) A method for using an information controller for a communication system having at least one communication bus and having an information unit with an identifier portion and a data portion corresponding to said identifier portion, said method comprising the steps of:
- receiving the identifier portion at an identifier loop-up element;
  - sending a predetermined program selector to a signal handler upon determination that the identifier portion corresponds to a predetermined identifier associated with the predetermined program selector;
  - performing an operation on the data portion based upon the program selector.